

THIS MONTH WE SALUTE  
RUTH CHRISTIAN, WA4HED  
Ft. Lauderdale, Fla. B.A.R.C.  
AMATEUR OF THE YEAR  
(See Photo Below)

# FLORIDA SKIP

VOL. 12 NO. 9

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

FEBRUARY/1969

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## It's Not A Fact

On page 10 of the January SKIP appeared IT'S A FACT. Well, we have been informed nicely by our good friend Bill Grenfell W4GF, Chief of the Amateur & Citizens Division of the Federal Communications Commission in Washington, DC that it IS NOT A FACT. Bill says "The VE Amateurs apply to FCC, Amateur & Citizens Division, Washington D.C. 20554. Canadian 'CB'ers are not issued permits to operate in the U.S.A. They are not eligible . . ." Thanks Bill. Luckily we don't have any CB'ers on our mailing list . . . only live active amateurs.

## Silent Keys

We are deeply sorry to report the passing of the following Florida amateurs:

W4SNF, K. E. Treptau, Palm Harbor, ex-W2BUY, William Simpson, Homestead. K4NQL, Richard Thompson, Tampa. K4YAZ, Carmen (Johnny) Johnson, Kissimmee.

## Another Chance

The FCC has changed the eligibility requirement for Novices. Effective January 24 1969, anyone not licensed as an amateur by FCC in the 12 months prior to his application will be able to take the Novice test and receive a two-year license.

However, FCC denied the ARRL request that current holders of Technician Class licenses also be made eligible for Novice. Full details will be in the February issue of QST.

(ARRL OB 200)

## Amateur-of-the-Month; W4FP

Thomas W. Chisholm W4FP, first on the air 1914 using Ford Spark coil call sign "TC". Obtained operators license only, and spent much time operating at 2SA Brooklyn, N.Y. until WWI. He returned to air 1919 with his own station call 2CY at end of WWI.

Was member of Radio Club of

America 1917, Bronx Radio Club 1921, Fordham Radio Club 1921, A.I.E.E. and A.R.R.L. 1921. Tom set up one of the early amateur phone patches from mobile 2CVB on campus of Fordham University via 200 meters to 2CY thence to home of Prof. J. McDonough in Fordham. All this with the approval

of the "RI" and his employer the N.Y. Telephone.

Appointed ORS North Jersey and AAHS (MARS) 1925. Maintained daily schedule with LATJ New Hampshire, handling N.Y.C. and North N.J. traffic, during 1925-27. Tom worked

(Continued on Page 16)



RUTH E. CHRISTIAN, WA4HED, of Fort Lauderdale, was recently voted the most outstanding amateur of the year by the Broward Amateur Radio Club. Ruth received a beautiful plaque at their annual Christmas dinner at the Governor's Club Hotel. For more details see BARC Club column by W4GDK.

(photo by Ft. Lauderdale News)

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-Editor

Dear Mabel KYL Award, c/o Skip,  
Box 501, Miami Springs, Fla.

### FLORIDA SKIP CORRESPONDENTS

ONYX, MABEL, THE OLD TIMER  
c/o Florida Skip, P. O. Box 501,  
Miami Springs 33166.

O.C.W.A., Gator Chapter, WA4FIU  
O.C.W.A., SE Chapter, W4JD

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## Ex-Calls

There appears to be no end to  
EX-Calls. Keep 'em coming.  
Have you sent in yours?

WA4QXI ..... ex KZ5HO  
W4ZBD ..... ex WA4TNJ  
W4VJR .... ex W2EET, W3EET  
WB4JSS ..... ex CO7CB  
WA4FNA ..... ex CO2BQ  
W4CKB ..... ex W8CKB  
W4NIR ..... ex W8JGR  
W4VCY ..... ex W0MRM  
K4AJV ..... ex W4MEN  
WA4SYF .. ex W8RTJ, W2AGA,  
W2BGT  
WA4JID ... ex W8CAN, K9EYL  
WB4JAI ..... ex 2COZ  
W4VZ ..... ex W2LFR  
W4AQW ..... ex 3AQW  
W4AJX .... ex W5YNA, K9KVM  
DLANG



## Letters To Editor

I send you enclosed, check no. 286  
for US \$2.00, payable at the First  
National City Bank, New York, N.Y.,  
for renewal of my Florida Skip sub-  
scription.

I enjoy reading about activities in  
Florida in your very well edited mag-  
azine.

At the present time, the Radio Club  
Venezolano is organizing a local FM  
net and we have several rigs on 50.5  
Mc, as well as a 2 meter net with a  
repeater on a high mountain over-  
looking the city. We are very inter-  
ested in any news about availability  
of surplus FM equipment (narrow  
band) and would appreciate any in-  
formation you or your readers may  
have.

On behalf of the Radio Club Venezo-  
lano, I would like to express our  
thanks to the many Florida hams who  
on so many occasions help us with  
traffic going that way, whether emer-  
gency, medical or routine, both on  
established nets and simply across the  
band.

With best wishes for a happy 1969  
to all your staff,

YV4BPG, Pedro Seidemann  
(Net. Coordinator, Emergency  
Net of the Venez. Radio Club)  
Caracas, Venezuela

Dear OM,

Thanks for sending the clipping  
about the \$1 million law suit. The  
League's General Counsel, W9PS is in  
contact with the Sarasota amateur's  
attorney to provide assistance.

Thanks again, T3.

Sincerely yours,  
William I. Dunkerley, Jr.  
WA2DNB/KL7ELA  
Assistant Secretary for  
Membership Services

Dear Andy,

Your article on Don Murray's ETS  
ticket a while ago as something dif-  
ferent started a reaction here. En-  
closed find copy of radio ticket which  
is some 57 years old and yours truly  
being somewhat older makes it and  
myself something in the way of being  
relics.

The reproduction did not come out  
too well because of wrinkles and yel-  
lowing acquired over the years. The  
bottom end didn't come out but does  
not matter.

This license was authorized only in  
June 1910 and the date as you see Oct.  
26, 1912. It would be interesting to  
find out how many of these ancient  
tickets can be found in the Florida area  
as of now.

The seasons greeting to you and  
staff and may see you at the jamboree.

T3,  
R. L. BRACKETT  
3145 N.W. 159 St.  
Opa Locks, Fla.  
Dec. 31, 1968.  
K4EV

First, to wish you all the very best  
in this new year, 1969, I am looking  
forward to another year as a sub-  
scriber to "Florida Skip", which I  
think is the finest publication of its  
kind I have seen. And, it seems to get  
better year after year!

I want to thank you for sending a  
sample copy of "Florida Skip" to my  
food friend, WB4HUS, Dwn, up in Fern  
Creek, Ky. He said he really enjoyed  
it.

Please find enclosed a S.A.S.E. for  
one of your great little calendars. My  
1968 edition is fast becoming obso-  
lete, and a replacement would be  
gratefully received.

With best wishes for the new year,  
T3,

Gary A. Forehand,  
WB4ROF - Miami



NO, THIS IS NOT a Collins KWM-2. It's a WWII German transceiver,  
built to withstand an atomic blast at 500 yards. If you look carefully  
you will see the frequency is marked in "KHz". WA4JJK owner of the  
unit said, "I always thought there was something I didn't like about the  
Hz business and now I know why..."



### SWAN 508 FULL COVERAGE EXTERNAL VFO

The Model 508 Frequency Control Unit is designed for full coverage of 80, 40, 20, 15, and 10 meters. It provides for transmitting and receiving on separate frequencies, and plugs directly into the back of the 500C. A separate Dual-VFO adaptor is no longer required, since the relay control circuitry is built into the 508. A panel control permits selection of VFO's so that operation may be transceive mode with the 500C VFO, transceive with the 508 VFO, or transmit on the 500C and receive on the 508. The Model 508 features eight ranges of 500 kc each, with 5 kc calibration. It may also be used with the 350C transceiver.

**\$125**



### MARS OSCILLATOR

Ten crystal controlled channels with vernier frequency control. Plugs directly into Model 500C and may also be used with Model 350C and other Swan transceivers.

**MODEL 510X  
(less crystals) \$45**

### SWAN 500C FIVE BAND TRANSCEIVER

80 through 10 meters • 520 watts • Home station, mobile, portable operation • SSB-CW-AM.

The new model 500C is the latest evolutionary development of a basic well proven design philosophy. It offers greater power and additional features for even more operator enjoyment. Using a pair of the new heavy duty RCA 6L06 tetrodes, the final amplifier operates with increased efficiency and power output on all bands. PEP input rating of the 500C is conservatively 520 watts. Actually an average pair of 6L06's reach a peak input of over 570 watts before flattopping!

The 500C retains the same superior selectivity for which Swan transceivers are noted. The filter is made especially for us by C-F Networks, and with a shape factor of 1.7 and ultimate rejection of more than 100 db, it is the finest filter being offered in any transceiver today.

For the CW operator the 500C includes a built-in sidetone monitor, and by installing the Swan VOX Accessory (VX-2) you will have break in CW operation.

Voice quality, performance and reliability are in the Swan tradition of being second to none.

**\$520**



### SWAN 117XC MATCHING AC POWER SUPPLY

Complete A.C. supply for 117 volts, 50-60 cycles, in a matching cabinet with speaker, phone jack, and indicator light. Includes power cable with plug for transceiver, and A.C. line cord. Ready to plug in and operate.

**\$105**



### SWAN 14-117 12 VOLT DC SUPPLY

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**PHONE PATCH,  
Model FP-1 \$48**

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## Network On C.W.

By Dan Franklin  
W4EHY

A complaint heard often about CW nets is: "I cannot understand what is going on with all those abbreviations and Q Signals." Well, the same thing can be applied to SSB or any other group of people who have developed their own language in talking among themselves. Of course you are familiar with many Q signals and abbreviations that are used in everyday Ham communications, but nets use many more, trying to reduce superfluous transmissions, and promote efficient communications.

After some time on CW nets you will know and use 40 or more Q Signals and many more abbreviations and prosigns. But do not despair. You won't need that many as a beginner. You should have on your operating desk a list of Q Signals and Abbreviations such as are in many ARRL publications (Operating Aids 9A is excellent), so that you can look up any that you don't know. Most operators knowing that you are a beginner will automatically cut down their use of abbreviations and Q Signals. Here is a list of most used signals and abbreviations. Memorizing these will permit you to understand 90% of net operation.

QNI Net Stations report in, I am reporting into the net. (follow this with a list of traffic or "QRU")

QNX You are excused from the net. Request to be excused from the net.

QNZ Zero Beat your signal with mine.

QRU Have you anything for



OVER 44 OCWA MEMBERS of the GATOR chapter met recently for their Sun City dinner/meeting. Elmer-the-Great W4FHR, is chairman and Hal Bates, WA4FIU, 86 Venture Dr., Dunedin, Fla., phone 733-4245, is sec./treas. For further details, all QT's in the Tampa/Orlando area are urged to contact Hal.

—photo via WA4FIU

me? I have nothing for you.

QRV Are you ready? I am ready.

QSK Can you hear me between your signals? I can hear you between my signals.

QSL Can you give me acknowledgement of receipt? I can give you acknowledgement of receipt. (I copied you 100%)

QTC How many messages have you to send? I have .... messages for you (or for.....).

AA Separation sign used between parts of address or signature.

AA All after (used to get files)

AR End of message.

ARL In check and text indicates use of ARRL numbered messages in message.

B More (another message to follow)

BT Break; separation sign

between address and text and between the text and signature of a message.

C Correct; Yes.

CFM Confirm. (check me on this)

CK Check (number of words or groups in the TEXT)

IMI (or ? signal) Repeat; I say again. (use before you repeat difficult or unusual words or groups).

N Negative, incorrect; no more (no more messages to follow.).

SIG Signed; signature of message.

WA Word After (used to get files.).

WB Word Before (used to get files.).

X used in texts of messages as punctuation and counts as one word.

### THE RM'S CORNER

I assume most all of you belong to the ARRL. If not you should. How many of us that do belong, have an ARRL Communications Department appointment? You're missing part of the fun and other advantages if you are not an appointee.

You are passing up a chance to voice opinions regarding items that interest many of you, in fact all of you. I'm speaking specifically of the SURVEY POLL. Appointees have received two of these SURVEY POLLS in this past year.

If interested in an ORS appointment, please ARL 7 WA-ILE.

Reg. — WAILE  
Route Manager  
E. Fla. ARRL

### THE PHONE PATCH

New interstate tariffs filed by the various telephone companies with FCC have been allowed to go into effect as of January 1, 1969, though many matters remain in dispute.

Devices such as phone patches will be permitted through an interfact leased from the phone companies.

Installation charges vary widely, but monthly rentals of the interface are expected to be about fifty cents.

In some states, interstate tariffs paralleling the federal rates have not yet been accepted by the public utilities commission.

(ARRL CB 202)

## SSB Traffic Handling Tips

Ken W4SMK

A common error by SSB operators is simply talking too fast for the receiving operator to copy the traffic. Comfortable copy with a pencil is around 25 WPM, but most people speak at 100 WPM, with gusts up to 200 WPM or more in normal conversation. Unless the receiving operator is an expert in typing or shorthand, or uses a tape recorder, you must learn to shift your mouth into low gear when sending messages on SSB.

Time yourself and practice speaking slowly off the air while sending drill messages. 20 WPM may sound exasperatingly slow at first, but you get used to it. Remember that a steady 20 WPM rate is considered fine by the better CW men, and they handle reams of traffic very efficiently. Always go slowly at first so the operator on the other end can ask you to speed up if he is a hot shot. This gives him ego a boost and does nothing to harm your reputation as a good op.

Another problem is the fellow who speaks too fast, and repeats everything two or three times while you are trying to catch up copying. He usually fails to say, "I repeat", and you copy down some of the stuff twice and get mixed up badly. Unless receiving conditions are very poor there is no need to say anything twice. Just say it all slowly one time, and spell any difficult or confusing words as you go along.

Speaking of spelling we come to that old bugaboo of phonetics. The ARRL and ICAO (military) phonetic word lists are both fine, but please learn to use one of them well enough so you don't spend all day trying to think of the right word. Avoid making up clever phonetics of your own since they only confuse things. Use the prowords, "I spell", before you do so, otherwise the guy on the receiving end may not be able to tell a foxrot from a fandango.

Avoid expressions such as, "Rosenkrantz", common spelling and "Milwaukee, like in the old beer." Besides wasting time these useless little asides may be accidentally copied as part of the message. There is a numeral called "zero" and a letter of the alphabet called "O". A good communicator does not say one when he really means

(Continued on Page 5)

## E-Z WAY TOWERS

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## On Well-Used Abbreviations

To the newer hams that might have occasion to wonder what some of the well used abbreviations found in various Ham magazines here is an interpretation list for you...

A. - Amperes  
a.f. - Audio frequency  
a.m. - Amplitude modulation  
ant. - Antenna  
aux. - Auxiliary  
bal. - balanced  
BCI - Broadcast interference  
b.f.o. - beat frequency oscillator  
BPL - Brass Pounders League  
c.d. - civil defense  
CD - Civil Defense (agency)  
c.f.m. - cubic feet per minute  
coax - coaxial cable  
CP - code proficiency

c.p.s. - cycles per second  
c.w. - continuous wave (radio telegraphy)  
db. - decible (s)  
a.c. - alternating current  
a.g.c. - automatic gain control  
amp. - amplifier  
AREC - Amateur Radio Emergency Corps  
a.v.c. - automatic volume control  
BC - broadcast  
BCI - broadcast listener  
cath. - cathode  
CD - Communications Department (ARRL)  
ckt. - circuit  
conv. - converter  
CPF - Cotten pickin fingers  
c.t. - center tap

## VHF Bands

As predicted by "It's A Fact" the VHF bands are jumping with Single Sideband activity. Now the Heath HX30 is available, and with several on the air, with more in the process of building 6 meters is booming SSB wise. All have excellent VFO's and can roam the band at will, they will no longer be contained in the space from 50.100 to 50.200, the trend is to move up. Shades of 20 meters A word to you new sideband operators... Lets keep it clean, improve your operating, Learn To Zero Beat Exactly., you are no longer AM you have entered a field of precise operating habits...If you are 500 cycles off the other sta-

## SSB TRAFFIC HANDLING

(Continued from Page 4)

the other. Since they look alike when printed a good op also draws a fraction bar through his zero.

Proper use of push-to-talk or VOX techniques is a help in getting fills. In using push-to-talk pause and listen a few seconds at the end of the preamble, address, and each sentence or phrase in the text so the receiving op can break you for fills. If you use VOX you can pause after each word, but this is rather slow and annoying, so it is probably better to increase your VOX delay time and pause at the same places previously mentioned.

Since each word in a message is presumed to be equally important speaking in a sort of monotone voice is best, even if a bit boring to some listeners. A new audio tube, a change of mikes, or a compressor may help your radio voice. In extreme cases professional diction lessons or an entire new rig may be indicated. Pick a good op and imitate his (her) best techniques. If all else fails you can always go on CW or RTTY for your traffic work, and this may be the best tip of all. ARL fifty four.

Ken

Practice is the best of all instructors.

Syrus

Recipe for a longer life - Never exceed the feed limit.

tion won't copy you...For you that would like to copy SSB on the VHF bands, it is most difficult if your receiver is copying on a 50 mc band. Get a converter and feed into 15 meter band for bandspread...

A. Sidebander

# ORLANDO HAMFEST

APRIL 26, 27, 1969

STATLER HILTON INN -

3200 W. COLONIAL DR.

WEST STATE ROAD 68, ORLANDO

FOR INFORMATION: HAL SHEA, W4BKC  
736 ALFRED DRIVE, ORLANDO, FLA. 32810

# CLUB NEWS

## B.A.R.C.

By Jim Wilson W4GDR

BARC is moving to a new meeting place as of our January meeting. To the County Medical Association We express our thanks for past use of their building for meetings.

On December 14, 85 of us had a fine Christmas party and banquet at the Governors' Club Hotel in Ft. Lauderdale. Following the delicious dinner, President Ivan Peterson

W4EOD called to order a brief business meeting. He had several of the "gals" tell how they got interested in ham radio. The last of these was Ruth Christian W4HED. After getting the requested information, Ivan said the Board had decided on winner of this year's Ham of the Year Award. He asked Ruth to cross over to a certain shell and read to him from the plaque lying there, the name of the current winner. Much to her amusement Ruth found her own name and called engraved there. As she brought it back to Ivan tears of appreciation welled up in her eyes but Ivan assured her for the Club that her great traffic handling activity on ham and Navy MARS nets and activity in the Club had made her the unanimous choice of the Board for Ham of the Year 1968. As part of the award, Ruth was given an individual engraved plaque and a check for \$25 from BARC. (Picture elsewhere in this issue)

The new officers and directors were introduced, led by President Zane McCreary W4KXL.

As the last on the evening's program, we were shown a very interesting series of slides taken in Alaska by Mr. and Mrs. Richard Charles who added their commentary.

The new meeting place for BARC in the Park Recreation Bldg. at 25 SW 9th St., Ft. Lauderdale on the second Wednesday of each month. Anyone interested in ham radio is invited.

## B.A.R.S. NEWS

By Gene Burton, W4YNW

After meetings of several months, under temporary chairman, Gene Burton, W4YNW, the Brandon Amateur Radio Society is now a full-fledged club. Officers are: President, Hal Bennett K4UXE; Vice-President, Art Norman K4AAI; Secretary, Alma Burton W4YNX; and Treasurer, Ann

Little W4QJN. Various chairmen are being chosen at this time.

B.A.R.S. meets the second Monday of each month. There will be a program at each meeting, and usually a film will follow. The November meeting consisted of election of officers followed by program "Ham Publications" by Gene W4YNW.

The December program was "County Buzzing" by Gene Little W4QJN. Hans of the area enjoyed a Christmas party at the home of K4UXE; everyone went home with a goodie.

On January 18, a very good program, "Civil Defense and the Ham" was presented by Ray Murphy W4BVE, President of the H.A.R.S. The February program will be "Wave Motion" by John Dodge, engineer at General Telephone.

## GULFSTREAM SOCIETY OF AMATEUR RADIO OPERATORS

By Al Saly, WB4AID

The Society is in the process of reorganization and has been chartered in the Office of the Secretary of State in Tallahassee as "Gulfstream Society of Amateur Radio Operators, Inc." Along with this action comes the need to develop new By-Laws, etc. This means endless hours of dry meetings, lengthy discussions, readings and re-readings, revisions, rewordings, adjusted thinking, and one or two thousand other informations that we would ordinarily not entertain. Only one month to go for the revision of the existing By-Laws. So far each member has contributed very much of his thought on this matter and we should be able to wind to whole thing up on the next regular business meeting. A great big thanks to Judge Joe S. White, WB4KZU, for his untiring effort in this connection.

The Society is in the process of having the entire meeting facility remodeled. Thanks to the City of Lake Worth, the new headquarters will provide for operations and classes in two separate rooms. In the near future we will be in a position to announce public classes of instruction leading toward Novice. Another night will be set aside for a Class leading toward Advanced and Extra Class aspirants open to all licensed amateurs.

Home for Christmas were - Warren Little, W4EFA/4, direct from U of F, last term in Electrical Engineering College. Stan Scallan, W4WZ/5, in from Texas Instruments in Dallas where he works as a Physicist. John Waymunk, WB4EGU, in from Washington, D.C. where he is with the Army Photo Team to be on White House duty. Had a party for these fellows and since Carol (my YL) was home from Tallahassee (Music Major at FSU) she did the honors as hostess. Real nice and ALL members in town at that time were present.

Two new members! Henry Belta, WB4KRS and Jerry Belta, WB4SGM answered a letter of invitation to affiliate with our group. Hope they have time to work for Ham Radio as hard as they work at their insurance business.

The ambitious one in the Society is Jim Johnson, W4JPR who packed his family up and took them to KOWA for Christmas. Imagine LEAVING FLORIDA FOR ONE MOMENT!

## SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV AREA

We have all enjoyed the Holidays (I HOPE!) and now to get down to business and keep all those GOOD

resolutions. We hope more organizations and individuals started the New Year by coming to the aid of W4QJN. "Grid" Gridley in fighting the TVI case against him and, indirectly, all hams. The Sarasota Amateur Radio Assoc., Inc., P.O. Box 3323, Sarasota, Fla. 33578 is accepting contributions to help fight this case and monies will be held in special Esseyow Account, with any portion being refunded if not used. This is a chance to help improve the public image of Amateur Radio, as well as insuring yourself and others from a similar situation if this case is not won by W4QJN.

We were so happy to see W4SDR-Clyde Massburn's picture in the July issue of Fla. Skip and know he was looking and doing so well. Hence, it was quite a shock to learn he was in the Gainesville Hospital, before Kmax, with a ruptured esophagus. However, it was good news when we heard after the holidays, he was doing nicely, sitting up and taking nourishment. We hope as you read this Clyde will be heard back on the air and handling traffic in his (b) way.

Regret to report W4SNF - K. E. Treptan, of Palm Harbor, recently became a Silent Key. He was a new member of the QCWA-Gator Chapter in 1968.

Will try and have more cheerful and better news for you next time. Seems around the holidays there is always an exceptional amount of sad and foul news.

Call your Suncoast Roving Reporter if you have any news. Believe me, it will be welcome.

## NOFARS

WARDW

The latest meeting of the North Florida Amateur Radio Society could best be described as a brainstorming session. President Harold Robbs, W4VZF, had requested all members to show up with an idea for a club program in 1969. Most did and the variety of proposals received covered a wide span of interests in Amateur Radio.

In general, the members requested less meeting time be devoted to club business and more to technical programs with an emphasis on license upgrading.

NOFARS immediate past-president Howard Kelley, K4ESN, has completed an article on the communications systems used in the Apollo Eight spacecraft which will be used in the March 1969 issue of CQ magazine complete with color photographs. A synopsis of K4ESN's article will be featured in the February issue of BALANCED MODULATOR, the monthly bulletin of NOFARS.

A pair of NOFARS high banders managed to get in a little cross-state ATV DX during the brief UNV opening in late December. Jerry Anderson, W4IQT, and Ed Runna, W4AJKY, were chatting with each other than a picture came in from W4TOD in Orlando. IQT was using 300 watts; JKY 15. Once the contact got underway, word about the opening spread around the state like wildfire. By the time the band closed, many of the state's ATV buds had a chance to "see" each other for the first time in a long while.

Miscellaneous NOFARS Splat... K4VGL is sporting a sizable scar from his recent, but highly successful turn of operation... Maritime operator W4TAQ, is now Extra Class K4DS... W4OPT and W4IHY are



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NEW W4 W84 WN4  
OSL MANAGER.

J.R. Baker, W4LR,  
1402 Orange Street  
Maitbourne, Fla. 32951

getting their kicks by working 2 Meter DX via aeronautical mobile... W4MBV has relieved W4UBT as Philco Tech Rep in Newport, R.I. North Florida EC W4GUL is retiring from the Jacksonville City Signal Bureau after many years of good and faithful service... W44YU has started on his dream of a completely home-brewed station with a solid state VFO and IF strip, both work... and W4AFJA reports success after trying the recent SKIP suggestion of substituting a 60M8 for the 12BA6 (with suitable dropping resistor, of course!) in his T83 to perk the rig up on 10 Meters.

Warren Croke

## ORLANDO RAMBLINGS

Hal, W4DKC

Haven't heard that the old guy in the red suit left any electronic goodies around the area. On the other hand haven't been doing too much listening either. That bug from Hong Kong sure hit the amateur ranks a wallop. Understand it's supposed to crest about the middle of January.

Simulated Emergency Test time again, last week end of Jan. (25-26). Good time to remind everyone that while the Hurricane Warning System is getting better every year, there are a lot of other disasters that could occur, with very little if any warning. Check your Emergency supplies frequently.

Best wishes for a speedy recovery, go to Clyde, W4SDR from the local ERG.

No news from down Sarasota way about Grid, W4GJU, hope when we do hear it will be good news.

Orlando Amateur Radio Club, Inc., meets First Tuesday at the First National Bank of Maitland, 8 P.M.

## FLA. VHF SIDEBANDERS

By H. D. Balston - K4LFF

The first 5 days of 1969 were sure a lot different from the same 5 of January 1968 with all the extra good double bug and even better. Maybe we will still have something before the year is up.

I was very surprised last week in getting a nice letter from W4RKH, SCM for west Florida. I was beginning to think there was no hams in that part of the country. Also had an unexpected phone call from WB4HIP down Miami way, but have been unable to make contact with him on 6 yet.

At least 2 of the more active VHFers have passed their general license and will both be operating the low bands only. One is WB4BZ - Bob up in Jonesboro, Georgia and our ATV man from Altamonte Springs, Ace - WB4AKJ, who will probably have his advanced by the time you read this.

Hear Frank - K4GT down Tampa way finally went SSB on 6 with a 5Wan 250, W4ZBD (ex-W4TNN) Paul at Bradenton is getting more active now with a new TR-6, as Ted - WB4CQS in Clearwater is doing. They are both doing a very fine job and you can sure notice the extra punch from this far away.

Several of us have been down with the old flu, and Jim - W4DPR down at Clearwater says he got it from the card I sent him. Well, his answer gave me a relapse.

Sure hope that Gyd is faring better by this time. This TVI situation can be a mess.

Was supposed to have been eating it new years day, at the time the rig was turned off and I was taking my

daily ale. That's life for you. Any one with SSB gear on 6 is invited to check in with us on Tuesday, Thursday and Sat. nights at 2100 EST on 36,160 USB, I'm still waiting for comments pro and con concerning the proposed picnic for about March or early April. 73 and keep writing this way.

## HARS NEWS

By Roy Scott - W4CHF

The HARS Christmas meeting was well attended and there were appropriate gifts for all. The business portion of the meeting was held to a minimum, followed by a very enjoyable social hour with delicious home-made refreshments furnished by George Dixon, W4VQT and Gail Martindale.

The new HARS 6 meter net held its first meeting on Monday, January 6th with George Jones, WB4AQR, Net Manager, as NCS. The HARS net meets every Monday at 20:00 EST on 51,450 mcs., and all amateurs are invited to participate; you do not have to be a member of Hillsborough Amateur Radio Society, Inc., to QNI. While traffic will be handled, the principal goals of HARS net are: discussion of technical subjects; question and answer session; improvement of the public image of amateur radio; swap table news; net operation procedure, with emphasis on educational programs for advancement to higher grades of licenses. NCE will be rotated among all members to provide the most efficient net operation.

The January meeting of HARS at the clubhouse featured Mr. Angelo R. Ditty, Jr., FCC Marine Supervisor, and Mr. William M. McCrimmon, FCC Electronic Technician. The subject was "TVI AND THE AMATEUR". This timely subject was well presented by Mr. Ditty who has had considerable experience in the Los Angeles area.

The February meeting program will be "UFOP's", presented by Mr. Marshall S. Chasner, News Director of WLCY-TV, who has had long and wide experience in this very interesting subject. The March meeting program will be "PRACTICAL DEMONSTRATION OF CONVERSION OF CB AND OTHER GEAR TO AMATEUR USE", presented by George Dixon, W4VQT, HARS Vice-President. All amateurs and those interested in Amateur Radio are always welcome at the Club meetings, held at Odd Fellows Temple, 6220 Nebraska Ave., Tampa, Florida, the 4th Tuesday of each month at 19:30 EST. 73.

## SOUTH MIAMI RADIO CLUB

WN4JFA

At our last meeting, the club held election of officers for the coming year. They are as follows: George Renting, WN4JFA Pres.; Joe Post-schke, WB4HIS, Vice Pres. and Claude Lamar WB4CTD Sec. Treas. The meeting place has also been changed and it will now be at the Kendall Methodist Church, 7600 S.W. 104 St. This location is at the exit of the Palmetto Bypass and U.S. 1 across from Jeffersons on the east side of the Highway. Just look for the lighted bell tower. We hope this location will make it easy for everyone to find. The meetings start at 8:00 PM and are on the first and third Friday of the month.

We wish to thank Fred Wilson, K4KRY for obtaining the use of these air conditioned and heated facilities. We extend a warm welcome to all prospective members and fellow hams to come and join us at our meetings.

We would like to also welcome at this time a new member Ken Rome WA4JHS to the club.

We hope to have a lot of activities this year along with some new ideas from our members. Come on down and say hello. 73 George

## I.R.A.R.C. NEWS

By E. T. Walker, Sr. W4EWB

On December 14th, the Indian River Amateur Radio Club of Ocala held it's annual Christmas Message Centers for sending messages to overseas and stateside.

This year we held the event a week earlier than usual so that our holiday messages would have plenty of time to get to Vietnam and other overseas areas before Christmas. Byrd Plaza, J. M. Fields Shopping Center and Colonial Park Plaza were the areas concentrated on for our operations. Our 1968 Club President Don Klobe, WA4KJV, spearheaded the event and did a real fine job.

A lot of good Amateur publicity was shown and some people just couldn't believe that there were some things that didn't cost money, like sending Hamgrams to their loved ones. It was a cold windy day but everyone did a fine job.

Dorsey Dean, WA4RIA, operating at Seastown, developed dysentery after battling the cold wind and sending messages all day.

The World has seen history made from our community with the successful launch and Lunar Orbit and exciting recovery of Apollo Eight during this Christmas season. A hearty congratulations for a job well done for all of those who contributed in whatever small way with the success of the mission. Well Done.

Nora, WB4EBH, has his new tower up and is real happy with the results. We hear more people showing up on 146.54MHz F.M.

Congratulations to all our retiring officers of 1968. We had a good club year and a lot of time memorials of the numerous activities enjoyed by everyone. 73.



FLA.  
SIDE-BANDERS  
ASSN.

By Rich Stanford, WB4EPD

Well, I got some favorable reaction to my suggestion in this column last month. Glad to know that at least a few remembered what they read long enough to comment on it. Now all we have to do is see if anything will be done, or will it go the way of old soldiers.

Speaking of fading away, another regime has withdrawn into memory with the passing of the old year and a somewhat new and enthusiastic command has secured the reins of our unpredictable boat. I say somewhat new because some of us are holdovers from last season and I personally hope to grab the "honor" of longest running Secretary. Dave Rocky, W4DLN, has been elected President, and serving with him are Frank Haines, W4GDS, First Vice President; George Davidson, K4ENW, Second Vice President; Richard Stanford, WB4EPD, Secretary; Tony Lischauer, W4QJ, Treasurer; Vance Vogel, W4QVE, Emergency Net Manager.

The above listing is presented as a public service for those who either did not witness or could not comprehend the election.

Best wishes to the new officers and of course, thanks for a job well done is gratefully expressed to Bill Pandolf, W4OGN, outgoing President and his staff of assistants.

And now for the THOUGHT FOR THE MONTH. No, scratch that. Make it the QUESTION OF THE MONTH. Why does the FSBA support a traffic net if most of the members who check into the FSBA on Sundays do not check into the traffic net during the week? Our net is called The Florida Amateur Sideband Traffic Net (FAST Net), meets daily except Saturday at 2300Z or 3940 KHz and we could sure use you and your talent. By the way, new Net Manager is Jim Miles, W4ATWD - a better man is hard to find.

## SPARCYS

St. Petersburg Amateur Radio Club YLs

SPARCYS "sparked" again when they held their annual Xmas party; their one activity of the year, when all licensed YLs are invited to participate. K4CSC-Edna Westworth, hostess, was very original in creating a Florida atmosphere. In the living room, there was a potted palm tree that was trimmed as a Xmas tree, around which the gifts were placed. After each YL introduced herself, giving a little resume of her activities, etc., the exchange gifts & door prizes were distributed. It was then time for all to pass through the dining room to "attack" all the "goodies", consisting of cake, cookies, nuts & coffee. Naturally, all afternoon there was a lot of "yacking". OM, W4PWB-Walt was in the background to give an assist when needed. Time passed quickly & it was time to bid fond farewells, expressing thanks to K4CSC for a wonderful afternoon & promises to be present next year.

Those present were: K4CSC-Edna; W4TDK-Naomi Spencer; K4WXS-Lee Kunsman (with crutches); W4VRW-Alma Wright; W4KYY-Vivian Pic, all from St. Petersburg; W4WPD-Shirley Hill of Tampa; W4HNC-"Little Bo" Bogardus & Sister-Marie (Masco), of Jacksonville; W4DUR-Mim Cook, of Daytona Beach; W4GPX-Ruth Smith, of Dunedin; W4BIL-Fran Foley, W4FVN-Nellie Van Voorhes, K4RCQ-Elsie Ruble, ad J Clearwater; W4GZN-Karlene Norman, W4YNN-Alma Burton, of Brandon & W4LAV-Cathy Seehl, of Sarasota.

Next year, the first Sunday in December is the 7th, but where the party will be held is the \$54 question.

SS:

W4RAV/AREA

(Continued on Page 8)

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# CLUB NEWS

(Continued from Page 7)

## DAYTONA GROUNDWAVE

By Richard Cullum WA10XK

The Ormond Beach annual Birth Place of Speed Beach spirit is again hot for communications DBARA. At the garage at the mile was Warner Freeman W4WAF. At the finish line, relaying the winners of the heats, was Dave Hoch, WB4HQX and John Baker WB4JIM. (John is a new general, he made it this month congrats). At the starting line was Fred Thomas WB4BPO and Dave Trimble WB4GUH. I was around too!

There was no December meeting. A Christmas party at the Daytona Beach Federal Mural Room was substituted and the order of business, have a good time. Gifts were exchanged and I got a handy dandy tube gun straightener.

To help spread a little extra holiday cheer, our EC, Lester Roper WB4BPL, got permission from the Volusia County National Bank to set-up DBARA to send Christmas greetings by amateur radio. The station was set up from December 16 until the 26th. Manning the station were Steve Buck WB4DIZ, Frank Paynter WA4ZQI, Smith Sutley W4PCD, Warner Freeman W4WAF, and Sam McCluskey K9EFG. There were 268 hits of glad tidings sent. Much of the traffic went to Fla. Midday Traffic Net and schedules made from the net.

We at DBARA, want to wish Clyde a very happy birthday.

## FLORIDORA NEWS

By Annette Thompson

NANCY-Meg spent Christmas in the Sebring Hospital but is home again and feeling better. Meg told the Floridora Net about CM Gordon catching a rabbit out in the lake when it got tangled in his line!

W4UF-Dot has a new SB33 transmitter, weighing only 15 lbs. She will enjoy using it in the mountains this summer. We hope Dot's OM, George, is in good health again.

W4QBY-Dorothea's son, the airline pilot, flew in from Japan shortly before Christmas, arriving just in time for her birthday supper. He and OM Arthur had a wonderful view of the moonshot at the Cape.

W4FYD-Margaret returned to Florida shortly before the holidays. Margaret is one of the "traveling-est" Floridors, and on Jan. 20th is leaving for a flying trip around South America. She says her most enjoyable trip was the one through the Pacific, when she visited Tahiti.

W4RNS-Marge is now secretary for a young attorney. She meets some of the Floridors each Tuesday at 8:15 A.M. so we can keep in touch. Marge set a record when she became a great-grandmother on Nov. 19th when her son's daughter became a mother. Doesn't seem possible! Her Christmas was spent with her daughter.

ter in Jacksonville where they had a good old-fashioned celebration with roasted chestnuts, even!

W4HIL-Elaine's son, Michael, and daughter, Elaine, will be flying their own plane in the Air Races at Fort Lauderdale on February 14, 15 and 16th.

## MARION COUNTY

I am pleased to report activity in the Stuart area in the way of weekly luncheons. These luncheons have been going on now for the past six weeks with attendance of from 8 to 14 amateurs.

The group is not a formal club and has no intention of becoming one. It is merely an opportunity for those with a common interest to get together and enjoy an hour or so of fellowship.

For information of all those who might be interested we call the meetings Marion County Radio Luncheons and they are held at The Groggery to Port Salerno on Tuesday every week at noon. Anyone interested in amateur radio is invited to attend - Dutch Trest - of course! 73, W4YB

## FORT MYERS CLUB

By Ken W4SMK

The December meeting saw a discussion, led by W4KET and W4SMK, concerning the new incentive licensing tests. W4KET and K4IA have recently received their Extra Class licenses. Plans are to hold a dinner meeting in the near future in which families will be invited.

Vince, W4JNNB, recently became engaged to a YL who is also from Ft. Myers. Congratulations to both. Vince is a senior at the U. of Fla.

W4LNE-MM made it home for Xmas and is now temporarily grounded (no pun) for the duration of the shipping strike. He showed me some fine color pictures and some interesting tape recordings made in Ceylon and aboard ship.

W4JOF (AFB4JOF) has been appointed as high frequency voice manager for the Area 2 AF MARS nets. This includes the States of Fla., Georgia, North and South Carolina, and Virginia. Congratulations Red.

Howard W4LFFZ had a fine holiday since his son and KYL were home from Vietnam for the first time in several years. They had a nice picture and story in the local paper.

Through the efforts of Lucky, W4ALKY, Mr. Bottorfi of the local chamber of commerce has furnished a number of free QSL cards to local amateurs. The cards show a color scene of Lee Co. and have space for the call sign, address, etc. of the individual amateur. Thanks Lucky and to the C. of C.

W4KET shows much interest in the new Delta Loop-ant shown in QST. Knowing Herb I bet he will be the first one in town to put a Delta Loop on the air. He is always searching for the ideal antenna. That's one of the things that makes ham radio an interesting challenge.

73 Ken

## WESTERN FLA. NEWS

By Frank M. Butler, Jr., W4RKH

Pensacola: WB4LJB is on 6m SSB with a Swan 250. WB4HKM was appointed OBS & ORS. K4NMZ is a regular on WFFN. K4DOT was QRT for receiver repairs. WB4DHL has a new 6db gain vertical collinear for 2m, 100' up.

Fort Walton Beach: WB4EQU raised

## I HATED NETS... BUT

Yes, for many years I hated nets. It seemed like almost every time I tuned up on a relatively clear frequency, it turned out to be somebody's favorite amateur radio network spot. A station out of my skip pattern would be transmitting and some of his friends would tell me in no uncertain terms that I had better move. Sometimes I would join the group and sit back and wait. Then I would learn that there were 20 or more stations on the frequency so that I would transmit only 2 or 3 minutes an hour.

At first these things bothered me considerably, and I would also hear lots of criticism on the air from time to time. Then I began to give the matter a bit of deeper thought. Suppose those 20 stations were spread out thru the band.

One of the main reasons that amateur radio has been so successful and has been tolerated by outsiders is the service rendered in emergencies and in traffic handling. One has a lot less TVI problems with his neighbors when he can help them communicate with their son in the Peace Corps in a far away land. Many of these messages or schedules are handled thru network contacts.

Many of us do not have time to spend hours monitoring a net. Because of this time problem, I know that I will usually need to avoid them. However, I now am mighty glad to know there are dependable hams standing by when I have a message to be delivered.

I now encourage my friends to participate regularly in amateur radio nets. My first impression that nets were cluttering up our bands was erroneous. The nets keep a lot of real power-house stations tied up in one spot, and leave more of the amateur frequencies for other ham activities.

Earl E. Weston, M.D.

W8BXO - BARA BULLETIN

his tower to 50' and put up inverted-V for 75m. K4QHH has an 8-w. Telrex beam for 2m. WB4KMM just got on air with a 2m FM mobile rig.

Delmar Springs: K4VWE is happy to be back in N.W. Fla. He is on 80-2 meters. Panama City: W4VY is now OVE. He now has 200 watts on 146.94 Mc. FM and is experimenting with ham TV on 442 Mc. W4FOX is back on 3m with his FRC-27 after repairing his beams. WB4IKK put up a tri-band beam. W4ZTG is on 6m AM.

Apalachicola: K2UGV/4 just moved here, and is active on 75m SSB. Fort St. Joe: W4WEH is looking for RTTY contacts in Fla.



The "GATOR" Chapter of the QCWA had their Christmas Party on the 14th of Dec. at the Skylark Restaurant at the Pinnellas Airport between Clearwater and St. Petersburg at noon. A very good steak dinner was enjoyed by all and over one hundred were there to participate.

The ladies were invited also which always adds to the fun.

General T. J. Conway of the McDill AFB south of Tampa was the guest speaker, his call is W4EIL. He is in command of the Headquarters Strike Command. He also invited the QCWA Gators to McDill for the Feb. meeting. The tentative date is Feb. 2-69. The January 16th meeting was at the Kings Inn at Sun City which is on highway 674 which is in between highways 301 and 41.

Any old timers whether eligible to the Quarter Century Wireless Assn. or not, are welcome to attend any meeting.

The ladies for the next meeting will be at another part of the building and will have a little meeting of their own.

But at the McDill February meeting, the ladies are invited and will be able to take a tour of parts of the base and will probably see some of the sights of the flight line along with a trip near some of the new modern equipment there.

Dinner will be served about 12:30 PM at the Officers Quarters. The charge will be nominal as it was last year.

Come on all you Gators and prospective Gators, lets go.

73

Hal Bates, W4FTU

## PHONEY PHONETICS

We print these for fun. How about yours? SKIP Box 561, Miami Springs, Fla. 33166.

W4SKC - Silly Kissing Children

Stupid Klowatt Caller

WN4CPL - Cotton Pickin' Lid

K5MYG - Mischevious Young

Goats

W4SAT - Sitting Around Talking

W4WPD - Women Prefer Dia-

monds

WA4QJN - Only John (k)nows

WA4HDF - Howdy Dudy Folks

WBRTJ - Ruthless Terrified

Janes

WZAGA - Any Girl Anytime

WB4JAI - Jolly Addled Inebri-

ates



## WHISPERINGS FROM AN ASSISTANT SEC

By Tom Chisholm  
W4EP EX 2CY

Marion County at long last has an EC. Bobby Bostick WB-4GMB EC Sumpter has taken the job until a capable volunteer from Marion appears on the scene. This is the third EC that has volunteered from two county service. W4PBK has Charlotte and Sarasota, WB4-BPL Flagler and Volusia. Perhaps some more EC's will take a neighbor county and a new society might emerge. MULTIPLE COUNTY EMERGENCY COORDINATORS OF FLORIDA, the "McEcof's".

This appears to be the only way that the following counties can be cared for. These counties are up for adoption, Baker, Citrus, Columbia, Gilchrist, Glades, Hardee, Harzando, Lee, Manatee, Nassau Osceola, Suwannee, and Union. By the time you read this article, or at least when you receive FLORIDA SKIP in late January, the 23rd Annual Simulated Emergency Test (SET) sponsored by ARRL will be history. Just the completion of the figures on the forms and getting them off to your respective SEC and ARRL, retaining the third copy for your files.

Your SET reports should be mailed out as soon as possible. Please don't wait until the deadline. E. Fla. needs every point. Let's get them in the mail to ARRL and your SEC by March 5. That's plenty of time to clean up all loose ends.



HERE GEORGE TURNER, K4AR, former head of the FCC Field Engineering Bureau, addresses his many friends at a GOLDCOASTER dinner held at the Captain's Table in Deerfield Beach. When in the vicinity on Monday, check at the Captain's Table for date and times. Facing the camera on the left is Carl Bacon, K4HD, and on the right of Mr. Turner is Ray Gury, W4AZ, president of ODTG and Goldcoasters.

—photo by W4SN

The Annual Report which came in the same package as the SET papers, should be mailed before the end of January. ARRL did an excellent job this year with the SET and EC forms, especially in discontinuing the 3 yellow cards.

Every means had been used by W4FP and many others to encourage all amateurs to participate in the SET.

It was of some concern to me, although certainly not surprising, that some of the lads consider the originating of Test Routine Messages during a SET, just a means of cluttering up the

hands with meaningless activity. Traffic nets were also included in this category, spreading themselves all over the place and preventing sensible, personal and enjoyable chats with the lads and lassies.

Perhaps some of our net managers can look into the possibility of reducing the annoyance which they are apparently causing the groups who like to chat. With some of the restricted hands, privacy and freedom from net annoyance should be easily attained.

Glad to see the Phone Patch situation being worked on by

## FREE 1969 CALENDARS

Each year FLORIDA SKIP receives hundreds of requests for our famous little live color 3 x 5-1 2" calendar. As another service to our SKIP subscribers and advertisers we once again have over 500 1969 calendars waiting for you. All we ask if you send a self addressed stamped envelope to FLORIDA SKIP, P.O. Box 501, Miami Springs, Florida, 33166.

## WIRING COLOR CODE

It is usually a Grade-A task to trace the rat's nest of wiring in the average commercial piece of gear--and even more so in a ham-built receiver or transmitter. Most hams do not know that there is a standard color code for wiring, as follows:

Color	Circuit Name
Black	Grounds, grounded elements and returns
Brown	Heaters or filaments, off ground
Red	Power Supply B plus
Orange	Screen Grids
Yellow	Cathodes
Green	Control Grids
Blue	Plates
Violet	Not Used
Gray	A.C. Power Lines
White	Above or below ground returns, AVC, etc.

ATT and PCC. Over 20 years ago tape and disc recordings by the customers own units were approved.

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# NET NEWS

## TROPICAL PHONE NET By Ken W4SMN

Net Manager WB4EPD reports that the month of Dec. was a good one for TPTN with all the holiday traffic coming and going. Business is still good early in Jan. as this is being written so join with us and help keep the messages moving.

Congratulations to Jim WA4TWD who was elected to the manager's job of the FAST Net. Our two nets have had a friendly rivalry for some years now and we are sure Jim will do a fine job.

WA4DEL, WB4DOL, and WB4ISP were all home for the holidays and it left a big hole up at Gainesville and W4BPU. WA4NSB Vince, also a U. of Fla. student, is engaged to a lovely YL from Ft. Myers.

W4CEG is moving from Ft. Pierce up to Melbourne and we hope he gets back on the air from there. Also welcome aboard to Lloyd, K4WXT, a new net member from Indian Harbor Beach who helps fill a gap on the east coast.

W4FJE in Cocoa was one of many who contributed to the great success of Apollo 8 which was a fantastic feat. Besides boosting those fellows into space it gave a big boost to our morale here at home.

If you handle traffic, even one message a month, don't forget to report it to our BCM, WA4NEY, at the end of each month. Let's keep Fla. on top in the battle of the statistics. Likewise be sure to let this reporter know what news you have for this column monthly. 73.

## QFN REPORT



By Dan  
Franklin  
K4EHY

The S E T and the Miami Hamboree are over now. And due to all the work everyone put in, they both should have been successful.

December traffic of 365 was way down. Two reasons were three missing QNS reports; and lack of outlets for traffic from the NTS coming in on

the late session.

New checkins from WA4TWD Jim, Miami; and WB4HWY, Carl, Naples. WA4OHO, Bob, will be active again for the next six months as he works this half of his work-study program. W4SDR has been absent while in the Hospital. W4TRS is back on the air again and says he will be active again. K4FQP monitors 3670kc daily from 8 til 9 am for any traffic into St. Pete. WB4HER, Ralph, WB4FSF, Bonnie, and W4KRC, Jim, have been doing a fine job of liaison to the Phone nets.

Needed are more outlets and stations who can relay traffic to the phone nets from the LATE session of QFN. This is where all the Florida traffic from the NTS comes in.

The Fourth Region Net meets at 0045Z and 0230Z on 3567 kc.

The Fifth Region Net Meets at 0130Z and 0330Z on 3645 kc. Everyone is invited to check into these nets with out of state traffic and to help relay Florida traffic.

Don't let those keyers run away with you, 73.

Don

## FLA. MIDDAY TRAFFIC NET By Herb W4LES

We all spent many anxious days waiting for news, and praying for the recovery of our friend and Net Manager, Clyde, W4SDR from his unfortunate accident. At this writing he is reported to be under treatment to enable him to eat normally again.

We were very glad to welcome Mack, W4DVH home from the hospital and pleased that he did not have to endure an operation on his spine. Hope the treatments will relieve your condition, Mack.

Bouquets to Ruth, WA4HED on being named "Operator of the Year" by the Broward A.P.C. which she so richly deserves. And our compliments for her fine performance as Net Control.

E.G. W4KHY has returned from his visit to his daughter in Tallahassee. We hope the trip wasn't too much for him as we don't hear him on the air very often since his return. Dick, K4LEC completed a new Linear Amplifier and it really talks up. We should all hear him loud and clear as Net Control every Friday at High Twelve. Welcome to Jerry, WB4KGZ in Fort Pierce who joined our net in December. FMTN meets every day but Sunday at twelve noon EST on 7230. If you wish to be placed on the roll send a formal message to Herb, K4DAX our Asst. Net Manager in Bradenton giving the day or days of the week you will try to meet the Net. All modes are welcome.

December Net activity consisted of 26 sessions, 678 Stations handled 765 messages with an average QNI of 26.9 and average QTC of 29.4.



TELL YOUR FRIENDS  
ABOUT FLORIDA SKIP

## FAST NET LOG

JANUARY 19, 1969 - SSB - 3940KC 3400Z - 2341Z

City	Call	T	City	Call	T
1	W4TC	N	29	W4-	N
2	WB4EEA	N	30	WB4	N
3	W4CQ	1 Ocala	31	WA4	N Int W4ABC P
	K4CCC	1 QNC	32		
4	W4ABC	1 PP-Naples	33		
5			34		
6			35	W4	1 Miami P
7			36		
8	W4CC	2 St. Pete Jax	P		
9					
10					
11	WA4EAA	1 Wash DC	P		
12				K3ABC	1 Tampa P
13				W4ABC	1 Miami P
14	K4-	N			
15	W4-	N			
16	W4-	N			
17					
18	WB4ABA	1 Brandon	P		
19					
20					
21					
22	W4-	N			
	WA4-	N			
	W4-	N			
23	WA4-	1 Pittsburgh	H		
24					
25					
26	K4-	N			
27	Kr-	N			
28	W4-	1 Tampa	P		

QNI - 24 QTC - 8 200 WATTS IN. PUT.

Net Control W4AA  
John Smith, Miami, Fla.

(See additional information on Page 12)

## TOP TWENTY TRAFFIC TAKERS

By W. C. Blasingame WA4NEV

TOP TWENTY TRAFFIC TAKERS			
1. WB4AIW	931	11. WB8ZY4	120
2. WA4SCK	878	12. WB4HJW	104
3. WA4NEV	396	13. WB4GUH	99
4. WA4IJH	353	14. K4LAN	97
5. WA4FGH	302	15. K4LEC	83
6. W4ILE	301	16. W4BVE	78
7. WA4HED	288	17. WA4WAR	75
8. W4FP	188	18. K4DAX	72
9. WA4HDM	153	19. W4KRC	71
10. WB4EPD	121	20. W4YPX	67

## TRAFFIC HOUNDS

ARPSC NET TOTALS					
NET	QNI	AV. QNI	QTC	AV. QTC	SESS.
FMTN	673	26.9	765	29.4	26
TPTN	592	22.4	218	8.4	26
FPTN	435	16.7	185	7.1	26
QFN	703	11.9	379	5.6	59
FAST	765	27.5	175	6.5	27
NHN	12	1.7	2	0.3	7
WFPN	588	-	60	-	31
LATE NOVEMBER NET REPORTS					
QFN	621	10.8	408	7.1	57
FAST	884	32.4	99	3.6	26

OLDEST PHONE NET  
ON AIR

KNIGHTS of  
KILOCYCLE

SUNDAYS

3910

7:30 A.M. Nov. to April  
7:00 A.M. April to Nov.

## LET'S CLEAN IT UP

I believe we are in need of a good clean-up program with our SSB signals. Some four or five years ago a fellow could have a pretty good QSO on the opposite side. Try it now!

As the earlier rigs get older and with the advent of some of the simplified rigs built to a price things are slipping backwards. Some of it is equipment

but that is not the major cause of the trouble. Most of it is the fault of the operator trying to get 30% more output than the rig is capable of developing without generating garbage. Yes, I know you just received a clean bill of health on the last QSO. The guy was listening on the sideband you were transmitting on and across the pass band of his receiver probably not more than 30% at most. That's

not where you hear the garbage. It's beyond that on both sides.

The more I listen around the more I am beginning to agree with the AM boys about some of these SSB signals particularly when the garbage on the opposite side is hardly down 20 dB.

You better get busy and clean it up by your own initiative. If something is not done soon there may be some regulations that

## JOIN



spell out things in a way that will take about half of the present rigs off the air.

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NAME PIN WITH  
CALL LETTERS**  
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## WIRELESS SPAGHETTI NETWORK CLUB (WSNC)

FOR ITALIANS OF THE WORLD MEMBERSHIP OVER 100 FREES 14 166, 14 300 21 390 and 28.6. MORE INFO WRITE TO: Robert Pizzella, 11WRP Piazza del Popolo 28, Rome Italy 00171

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MEET STAN BITTNER, W4JKK, of Miami. Stan is real active on most bands and a long time supporter of FS. Thanks, Stan

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W3ADK W3USG  
W3BWH W8DUX  
W3MMG WA3CHB



## On NET Control Log Sheets

By Earl Spencer, W4FQU

Many times I have listened to Amateurs discuss the best ways of keeping a log sheet for net control stations such as the FLORIDA SSB FAST NET, which will be used here as an example.

Here is a simple way that is both fast and positive and a single page contains all the information needed to satisfy the FCC in so far as a log is concerned.

The only expense is 70¢ for one large sized Legal Pad. This pad measures 8-1/2" x 13" and contains 33 lines which is sufficient for 50 check in stations. Co-ordinated with a pad is a master CITY check list. This list can be any piece of paper or kept in a small notebook, but should be protected in some manner such as plastic covers. This master list should contain in alphabetical order all the cities listed on the call-up and numbered numerically, for example;

- #1 - ARCADIA, K4---
- #2 - ATLANTIC BEACH, WB4 --, K4---, W4--
- #3 - BOCA RATON, W4- K4-
- #4 - BRADENTON, W4-
- ETC.
- ETC.

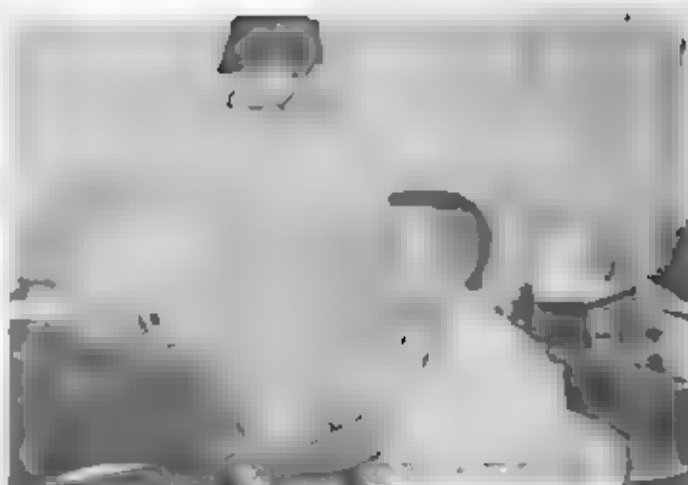
This master list should contain the call letters and names if desired, of all the stations that are called from each city. Keep the call letters and names in pencil and they can always be added or eliminated from the roll.

Now for the log sheet itself. (pgs. 10). Rule across the page the first two imprinted lines as shown. Over the top line write the name of the net at the left hand side of the page. In the center of the line following the name, write NC for Net Control and your call letters. At the far right side of the page place your name as the operator. On the second line starting at the left hand side write the date, followed by the mode of transmission ie; SSB, frequency of net (2940kc), time of the start of the net (2300z) with the closing time of the net at the far right side. This completes the pre-amble of the log.

All the following lines are ruled vertically down the page leaving the last line for the totals. First rule a double line down the center of the page, splitting the sheet into two vertical halves. For better clarity this line should be red and all others in black. You now have two columns each 4-1/4" x 13". Starting at the left side of the page measure 3/8" to the right and rule down the page. At the top of the page on line three label this line CITY. Still moving to the right rule a line 1" from the first line and label this one CALL. Next line is 1/4" from the last and labeled T for traffic. You will now have a space approximately 2-5/8" between the traffic line and the double red lines. To the right of these double red lines repeat the spacing, ruling and labeling. This completes the log sheet. If you are a frequent control station use carbon to simplify the drawing however once used to it, five minutes is all it takes.

### USING THE LOG SHEET.

Place the master city list alongside or nearby the log sheet and call station #1. At the same time write 1 in the first block under the city list. Next to it write the call letters of the station called. If called by city only, write in the call of the answering station or leave blank if no answer. If the answering station has no traffic,



FATHER AND SON TEAM JACK (standing) WA4EYK and John WA4GKF Dulin of Miami Springs. Jack is presently in service while John keeps the equipment hot on Army MARS frequencies. John also puts in 40 hours a week at Channel 4 - WTVJ.

place an N in the T column for no traffic. If he lists one piece of traffic place a 1 in this column and large column indicate what kind of traffic and where or whom to. If he lists an informal with a specific station write INF followed by the call letters of the station specified. If a phone patch is requested write PP ahead of the city or station. If he lists more than one piece of traffic list the number in the T column followed by the area(s). If more than one station answers from the same city, list them in the next line below omitting the master city number for as many more stations as call in, starting again with the next city you call on the roll.

When the roll has been called it is customary to call for late, new or out of state checkins. These may be listed at the end of the log sheet. Also list all emergency traffic at the beginning of the log followed by regular roll call.

After calling the roll it is simple to glance back and see what traffic needs to be passed. When a piece of traffic has been passed place a P for passed after it. If it is not passed place an H for held after it.

Now that the net is closed, insert the closing time in the proper place at the top of the sheet. Add up the score and list at the bottom such as QN1-30, QTC-6. To comply with the law, two more things are needed on the log sheet. The power input in watts which can be listed at the lower right hand corner such as 300 WIP for watts input and the log should be signed by the operator. This should be as shown; Net control, W4AA, Joe Dokes, Miami, Fla.

These logs may then be filed away for safekeeping. However, be sure to make a note in your regular station log referring to this particular log by date. This log will comply in all respects with the FCC rulings and above all will take some of the blister out of being net control and trying to keep a decent log sheet.

73

K4FQU

1413 Davis Dr.  
Fort Myers, Fla. 33901

### Get On Frequency

With the advent of transceivers we have picked up a group of loudmouths who are forever shouting, "GET ON FREQUENCY." Most of these noisy individuals overlook the fact that what sounds good to their tin ear might not agree with someone else's tuning or a separate VFO is no reason for them to tell the rest of the world they are off frequency.

Onyx



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# Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere.) Any individual amateur may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

## ARRL LISTINGS

Director, S.E. Division  
CHARLES BOLVIN W4LVV  
2210 S.W. 27th Lane  
Miami, Florida 33133

Vice Director, S.E. Div.  
A.L. HAMEL, K4SJM  
220 N.E. 29th Street  
Pompano Beach, Fla. 33064

Acting SCME - Fla.  
WILLIAM G. BLASINGAME  
W4NEV  
716 Magnolia Street  
Naples Beach, Fla. 33960

SCM West Florida  
FRANK M. BUTLER, Jr. W4RKH  
323 Elliott Rd., S.E.  
Ft. Walton Beach, Fla. 32548

SEC East Florida  
ANDY CLARK, W4VYF  
41 Lenape Drive  
Miami Springs, Fla. 33166

SEC West Florida  
G.D. McKECHNIE, W4IK8  
1000 N. 6th Street  
Chipley, Florida 32428

Asst. SEC East Florida  
TOM CHISHOLM, W4FP  
P.O. Box 2273  
Lakeland, Florida 33803

## NET LISTINGS

QFN (all Florida)  
Daily 6:30 and 10 p.m.  
3651 kc. Net Managers  
K4LAN/K4EHY

FSBA Sundays  
5 p.m. on 3940 kc.

FSBEN Wednesday  
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,  
Sundays  
7:30 a.m. on 3910 kc.

## GATOR NET (GN)

Daily 8:30 a.m. on 3651 kc.  
Net manager: (acting) WA4SCX

## TROPICAL PHONE TRAFFIC NET (TPTN)

Daily except Sun., 5 p.m. on  
3945 kc.  
Net Manager: WB4EP8

## FLA. AMATEUR SIDEBAND TRAFFIC NET

(FAST) Daily except Sat.  
6 p.m. on 3940 kc.  
Net Manager: WA4TWD

## WEST FLORIDA PHONE NET (WFPN)

6 p.m. on 3957 kc (2300Z)  
Net Manager: WA4AYX

## FLA. PHONE TRAFFIC NET Mon. thru Sat.,

7 a.m. on 3945 kc. Net  
Mgr: WA4CJQ

## NOVICE HURRICANE NET (NHN) Sat. & Sun.

1830Z on 7165 kc.  
Net Manager: WB4DDO

## LAKE OKEECHOBEE TRAFFIC NET

2 Mtrs. 145.2 Mcs.  
Wed. 2000 Local  
Net Mgr.: WB4BMR

## GOLD COAST EMERGENCY NET

6 Mtrs. 60.445 mc Mon. 2000 local  
2 Mtrs. 145.23 mc Tues. 2000 local  
WB4CKY, EC Broward Co., Mgr.

## FLA. MIDDAY TRAFFIC NET

Daily except Sun. at 12 noon  
EST on 7230 kc. Net Mgr. W4SDR

## CLUB LISTING

## HILLSBOROUGH AMATEUR RADIO SOCIETY, INC. WA4GJJ

Meets 4th Tuesday, 7:30 P.M.  
Odd Fellows Temple  
6220 Nebraska Ave., Tampa, Fl. a.  
Mail to: 4401 W. Cayuga (33614)  
Visitors always welcome

## LAKE AMATEUR RADIO ASSN., INC., W4YKY

Meets each Thurs., 8 p.m., EST  
Clubhouse, Springdale Ave.,  
Bassville Pk., between Leesburg  
and Tavares, Florida  
Mail to Sec., 1270 Sheridan Rd.,  
Mount Dora, Fla. 32757  
Phone: 383-4548

## BROWARD AMATEUR RADIO CLUB W4AB

2nd Wednesday, 8 p.m.  
Broward County Medical Bldg.  
2200 S. Andrews Ave.  
Mailing Address: P.O. Box 8673  
Ft. Lauderdale, Fla. 33310  
More info. call: 522-2606, 933-3208

## DADE RADIO CLUB, INC. (W4NVU) 1st & 3rd Tuesday,

Museum of Science 8 p.m.  
3280 So. Miami Avenue  
Miami, Florida  
Mailing address: P.O. Box 73  
Biscayne Annex  
Miami, Florida 33152

## NORTH FLORIDA AMATEUR RADIO SOCIETY W4JZ

2nd Thursday, 7:30 P.M.  
Duval CD Headquarters  
107 Market Street  
Jacksonville, Fla. 32202

## ST. PETERSBURG AMATEUR RADIO CLUB, INC. W4GAC

Meetings: 1st Friday  
FPC Lineman's Assembly Hall,  
25th St. & 25th Ave., N.  
Mailing Address: P.O. Box 4026  
For information phone:  
544-1856 or 526-6731

## ORLANDO AMATEUR RADIO CLUB, INC. - W4PLB

1st Tuesday each month, 8 p.m.  
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Orlando, Fla. 32809  
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Mon. thru Thurs. 7:00 P.M.  
For info. phone 644-9896

## FLORIDORA YLs (W4FE)

All licensed Florida YLs invited  
to join.  
Mailing Address:  
Cathy Soehl, W4BAV  
647 Jungle Way  
Sarasota, Fla. 33580  
Nets Tues. 1400Z on 3933

## GAINESVILLE AMATEUR RA- DIO SOCIETY, K4DPZ 1st Tues.

8:00 pm, Alachua CD Head-  
quarters Basement, County  
Court House. Mailing Ad-  
dress: 1421 SW 13th Ave.,  
Gainesville, Fla. 32601

## TAMPA AMATEUR RADIO CLUB, INC. W4DUG

Meetings: 1st & 3rd Mondays  
7:30 p.m.  
Club House: Davis Islands,  
Columbus & Barbados  
Mailing Address: 943 Cimmar-  
on Ave., Tampa, Fla. 33603

## Transformers

The interest most Hams would have in the design of a transformer would be the reconstruction of an old transformer. The making of a single voltage, or even a two voltage, transformer is rather simple.

The first requirement is to know the wattage of the transformer you are going to construct. You merely multiply the voltage times the current of the winding you are going to construct and you have the wattage. If two windings, multiply both, then add them together.

It is your job then to find an old transformer of this wattage or a little larger. To determine the wattage of the old transformer measure the width of the center leg of the iron core. (The one that runs through the coil.) Having determined the width to the 1/8" exact multiply this by the thickness of the stack of the "Es". This will give you the square inch area of the center leg of the core stack. To determine the wattage of the core by the square inch thus figured use 50 watts as a base and require 1 sq. in. of core. Then for every 3/4" of core above this you can add 50 watts.

To tear the old transformer up use a good old knife to cut each 3-core piece loose from the adjoining core and a pair of long noses to pull them apart.

Having removed the coil proceed to unwrap the copper until you get to the inside winding or the primary. Now wrap 10 turns, of any wire, around this primary in same direction the primary is going. Restack the core material like it was, and put the primary on the AC and measure voltage across the 10 turns.

You now can figure the turns ratio from these 10 turns to know how many turns make a volt. Then it should be easy to know how many turns you will need for your transformer. Add 8% to your total turns for voltage drop.

Wire size for your transformer can be figured from wire table in ARRL Handbook. Take the current your winding is to draw and multiply by 500. Check the wire table for a size of wire whose circular mils area is equal or slightly above this figure and this will be the size to use.

(W4RQZ - W. H. Simcox  
SPARC-GAP)



**FORT LAUDERDALE** -- Raymond F. Guy, W4AZ, who claims to have the longest experience in broadcasting of any person in the world, has been named consulting engineer for Fort Lauderdale television station WSMF-TV, Channel 51.

Guy, a resident of Lighthouse Point, retired in 1961 as senior staff engineer for the National Broadcasting Co., headquarters staff. Subsequently he was named a consulting engineer to governments of the U.S., South Vietnam and Morocco and to broadcast-FM-TV clients in the U.S. and the Philippines.

He has served the Voice of America as a former chairman of the engineering committee, and as a former member of the science advisory board and of the broadcast advisory committee.

Guy is the author or co-author of two engineering textbooks, several encyclopedias, and more than 150 engineering papers.

In 1921 he was employed at radio station WJZ, Newark, N.J., as an engineer and announcer before the existence of commercial announcers.

"This was only the second broadcasting station in the world," he recalls, "being preceded only by KDKA in Pittsburgh. Since all other of the eight or 10 persons on those staffs are long since deceased or retired, I have the longest experience in broadcasting of any person anywhere."

Guy was a radio amateur in 1912 and four years later, was employed by the Marconi Wireless Telegraph Co. W4AZ is also President of the Old Old Timers Club, President and editor of the **GOLDCOASTERS**.

### IT'S A FACT...

Doppler effect, a change in frequency noted in earth satellite signals, is quite similar in effect as a train whistle. When the train is coming toward you the whistle is higher in pitch and when going away the same

whistle has a lower pitch. When a satellite is coming toward you the transmitted frequency is somewhat higher in frequency and as it leaves the frequency goes down...

-W4NUT

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## 'SKIP'-eroo's THE BRAIN DEPARTMENT

Unscramble each line of letters - the circled boxes and place in letters and insert them in order in the box or boxes at the bottom the boxes to the left of them, to find the answer to this month's puzzle. Each line forms a common puzzle. Correct solution to next word, mostly electronic, which month's "Skip", must be in the proper order to This month's "SKIP"-eroo give the correct solution. Then submitted by Bob, W4CJV, unscramble the letters within

NO. 15 - "ONE FORM OF TELEVISION" (A Hardie)

□ ○ □ □ □ □ □ □

IAEFTLMN

□ □ □ □ □

KEOHC

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AEMDLOTU

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SOLUTION TO NO. 14

TUNER  
VOLTS  
GRILL

TREBLE  
SPIDER  
NETWORK

"WORLD LISTENER"

Have you got a puzzle or a SKIP-eroo? If so, submit complete with solution to K4FQU, 1413 Davis Dr., Ft. Myers, Fla. 33901

BLAME IT ON - you blame a person for something, or you place the blame on him; you never "blame it on" him. In defending yourself you may say, "Don't blame me for it," or "Don't place the blame on me."

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Non-subscribers rate is \$1.00 for ten lines and 5¢ each additional word. To Commercial Business: Classified, undisplayed - 50¢ per line; Illustrative or General Display with border - \$3.50 min., \$60/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns - 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P. O. Box 501, Miami Springs, Fla. 33166.

FOR SALE: Heath DX-60 XMTR (90 watt CW, 80 watt AM) with VFO. Excellent condition. Used only six months, \$80. Ray Beja, WB4GWO, 737 Hummingbird Way, North Palm Beach, Fla. 33408. Phone 848-7389.

WANTED: Partial schematic of Galaxy V Mark 2 to help me modify older Galaxy from 6HF 940 to 6LB5 final. FOR SALE: (2) new I.C. Keyers - battery powered, assist output, built in meter - \$25, each. Also Blue Racer Bug - \$5. W4OZF, 2311 W. Nassau Dr., Miramar 33023 Phone 981-2732.

WANTED: HRO-60 receiver with ABCD and J ends, if possible. Fred Branner W4JZB, 5719 Taylor St., Hollywood, FL 33021 Phone YG 31829.

WANTED: Hamilton HRO-60 broadcast coils. Will pay reasonable price. Also have DX-40 with VFO, Bow-Key Ant. relay in A-1 condition. Will meet you for QSO anytime any freq. Glover Weiss W4EDT, P.O. Box 583 Atlantic Beach, FL 32233 Phone 904-249-5328. (Paid adv.)

FOR SALE: 60 foot, 3 section, galvanized medium-duty tower, EZWAY Model 6046, crank up, tilt over. 100 foot net stainless steel cable. No ground post \$175.00. Henry 2KD2 desk linear amplifier, like new \$525.00. Hammarlund HQ-170-A VHF \$200.00 new condition. National NC-200 AM receiver, rack mount \$30.00. Bill Ambrose W4QV, Lot C-315, 6640 SW 8th St., Miami, FL Phone 665-9928 after 3 p.m. (Paid adv.)

FOR SALE: Hallicrafters SK-73, best receiver they ever made. Coverage 540 kc. to 36 mc. continuous CW, SSB, RTTY \$150.00 or reasonable offer. Chuck Kinsman, 1970 SW 37th Terr., Miami, FL 33155 Phone 276-2408. (Paid adv.)

FOR SALE: SWAN-350 and a.c. power supply with speaker \$300.00. Dick Mayes K4AAR, 3960 NW 64th Ave., Miami Springs, FL 33166 Phone 888-6370. (Paid Adv.)

FOR SALE OR TRADE: Model RAK-7 receiver power supply CND-20131. Receiver model SLR-F, FN Scott. GSTs 1930 to 1985. CQ 1956 to 1985. 2 year R-9 3 year RADIO. Interested in two meter AM & FM T. R. Peterson W4OBB, 2215 St. John Ave., Palatka, Fla. (Paid Adv.)

FOR SALE: Natsco 183, general coverage receiver \$43.00, also Hallicrafters SK-99 general coverage receiver \$55.00. Both sets have been reconditioned and are good inside and out. Both have matching speakers. Jess Price W4CLJ, 411 Gumbo Ave., Orlando, FL 32801. (Paid adv.)

FOR SALE: Heath dipper \$10.00; Command 80 M rcvr with pwr supp and headset \$5.00; Command 2 mtr receiver and xmitr, both 12V, \$15.00; AMECO PT preamp, \$35.00; SBE-34, clean, will ship collect, \$255.00. H.E. Seagert, WB4GMP, 1510 E. Georgia Street, Bartow, Fla. 33830. (Paid adv.)

TRANSFORMERS REWOUND. Jess Price, W4CLJ, 411 Gumbo Ave., Orlando, Fla. 32801. Phone 425-7251 (Paid adv.)

TWO-WAY RADIO SERVICE FORMS. Also Radio-TV Service. Highly detailed. Free Catalog and sample forms. GELRICH PUBLICATIONS, Box 26141, Chicago, IL 60656. (Paid adv.)

FOR SALE: Hammarlund HQ-110 ham-band receiver in excellent condition \$75.00. Tom Branan WB4KQE, 2037 SE 2nd Place, Ocala, FL 32670 Phone 622-3883. (Paid adv.)

WANTED: Crank-up tower, will consider rotor and quad antenna in a package deal. Write for particulars in first letter. Mel Nelch WB4HJX, 3132 Ivel Dr., Orlando, FL 32806. (Paid adv.)

FOR SALE: Wilcox-Gay tape recorder (built by Sonny). Model FX-300. 1.5 and 2.75 ips, two speakers, small size, 110 v.a.c. only, mike, patch cables, full 5 inch roll of tape and empty reel, remote start-stop switch. Perfect for shack or meeting recordings, \$30.00. FOR. WRL, 83 Imp model 300 mike, stand and connector, like new \$6.00. Lafayette Hybrid Phonepatch, with VU meter, Null, Gain and balance controls, excellent \$12.00. Andy Clark W4YIT, 41 Lenape Dr., Miami Springs, Fla. 33166 Phone 888-3874.

FOR SALE: 8122's \$24.00, 813's \$17.50, 5894's, \$17.50, 4X150A \$12.00, 4X150B \$15.00, 4X250B \$20.00. Price plus tax and postage. G. H. George, 504 E. Osceola, Clewiston, FL 33440. (Paid adv.)

FOR SALE: SWAN-350, modified to 500C modulator, updated VFO, new sidetone, and other factory modifications, with SWAN-117X power supply/speaker and manual \$350.00. Hallicrafters 5 inch SSB speaker \$7.50. Webster Bandspanner 86 thru 10 with positive adjustable whip, spring and mount \$12.00. ART-13, complete with all tubes (813, 811 etc.) \$30.00. (no ship). Andy Clark W4YIT, 41 Lenape Dr., Miami Springs, Fla. 33166 Phone 888-3874.

FOR SALE: HT-32 exciter in good electrical and mech. shape. Also SK-101 MK II receiver, perfect condition with 160 meter band. Both for \$324.00, pick-up, Bill Ellis WB4DXA, 5668 Oakhurst Dr., Largo, FL 33540 Phone 392-8509.

FOR SALE: Clean Heathkit Maruder MX-10 transmitter, SSB, CW FSK, AM excellent condition \$175.00. 200 feet of RG63B 125 Ohm coaxial cable. Good for quads \$10.00. Al West W4SDC, 6511 - 40th Ave. No., St. Petersburg, FL 33708. (Paid adv.)

## AMATEUR WHOLESALE ELECTRONICS

NO ONE ANYWHERE WILL BEAT OUR PRICE OR OUR DEAL! HAVE A BETTER OFFER? We will TOP IT! ONE OF THE LARGEST AMATEUR AND CB DISTRIBUTOR IN THE U.S. FLORIDA ONLY FULL LINE FRANCHISED STOCKING DISTRIBUTOR HAM STORE. Franchised distributor and service agency for COLLINS, HALLCRAFTERS, SWAN, DRAKE, NATIONAL, EICO, GALAXY, EIMAC, WATERS, HY-GAIN, BTI, MOSLEY, HAMMARLUND, AMECO, CUSHCRAFT, ETC. DISCOUNT PRICES. COMPARE our prices with anyone. WRITE OR COME IN FOR SPECIAL PRICES. New Swan 500C and AC, New Swan 350C and AC, New Swan 250C and AC, New Hallicrafters SR-400 and PS-500 AC \$775. New Hallicrafters SR-2000 \$1,230. New Drake R-4B, New Drake T4-XR, New Drake TR-6 and AC. New NIT LK-2000 linear \$705. New Ham-MI rotator \$39. All equipment factory fresh, factory sealed cartons. General Electric and Master Card credit available on all purchases of new or used equipment. 10% or trade-in down. RECONDITIONED LIKE NEW TRADE IN EQUIPMENT. B&W 515B \$69. Collins 30-L1 (4 mo. new) \$375. KWM-2, Waters "Q" \$595. KWM-2A (4 mo. new) \$895. 351D2 mount and MP-1 supply \$149. C. E. Model "B" Slicer \$39. Eico T53 and T51 AC \$139, 730 \$49. 722 VFO \$29. Hallicrafters SK-99 \$79, SK-110 \$89, SK-117 \$195, SR-2000 and AC \$325, HT-37 \$189, HT-32A \$189, SR-400, AC, HA-20 VFO \$849. National NC-270 \$95. Linear Systems 250-12 DC \$35. Heath SR-301 with 2 filters and 6 meter converter \$295. SR-303 with 2 filters \$219. Drake R-4A \$205, R-4A with 13 optional xtal \$295, 1-A \$119, T-4X and AC \$349, 2-C \$139. Clegg T2'er (4 mo. new, latest model) \$149, 99'er \$79, 66'er \$149. Johnson Pacemaker \$109, Ranger I (very clean) \$58. Gonset G-83 \$89. G-71A w/AC/DC supply \$69. GSB-100 \$115. Camm II (2 meters) \$125. Polycom PC-6 (6 meter sciver) \$125. Concord MTC-15 TV camera (industrial) \$245. Lamkin 105-B freq. meter \$185. Ulca 650 and VFO \$89. Knight TR-105 and 107 VFO (6 meter sciver) \$109. Lafayette HA-144 portable 2m. transceiver \$129. HA-350 and speaker \$99. Henry 2KD2 linear (like new) \$325. Ameco R-5 \$49. Swan 240 AC and DC \$199. 14X module \$45, 250 (latest) \$285, 500C and AC \$485. Collins T5S-1 w/ Waters Q \$295. Quamant QDM-4 w/ transistor QDO \$19. Waters 352 compamp \$17. Hammarlund SP-600 \$249.

AMATEUR - WHOLESALE ELECTRONICS (Div. of InP Electronic Systems, Inc.) 280 Aragon Avenue, Coral Gables, Florida 33134. Phone: 444-6206.

FOR SALE: General Electric TPL-2 meter FM mobile, 100 watts output, all transistorized receiver with crystals for 146,340, 146,760 and 146,940. Narrow band \$275.00. 6 Element wide space, copy of Telrex 6 meter beam 24 ft boom, make offer. Hallicrafters HA-6 transverted 6 meter, 350 watts PEP with power supply \$100.00. Glynn Walden WA4IHK, PO Box 305, South Miami, Fla. 33143 Phone 661-3396.

## AMATEUR WHOLESALE ELECTRONICS

280 Aragon Avenue, Coral Gables, Florida 33134. Phone: 444-6206.

Model 37E CLIPHEAMP (SAME AS \$26.95 COMPHEAMP) WHILE THEY LAST \$16. EXPERT FAST ON THE PREMISES SERVICE ON ALL AMATEUR AND CB EQUIPMENT.

FOR SALE: Heathkit Sixer \$25.00. Heathkit 6 or 12 volt supply \$10.00. 6 meter Hy-Gain single ring halo \$5.00. 6 meter Cush Craft aquale antenna \$5.00. Have manuals for each. Mel Brooks K4MZH, 8516 SW 15th Ct., Ft. Lauderdale, Fla. Phone 581-4199 (Paid adv.)

FOR SALE: Hammarlund Super-Pro communications receiver. Excellent working condition and appearance. 1250 kc to 40 mc \$95.00. Jim Lauritsen K4FQP, 3204 W. DeBaran Ave., St. Petersburg Beach, Fla. 33706 Phone 360-8889. (Paid adv.)

FOR SALE: SSB TRANSCEIVER SR-150 with homebrew supply with HA-6 and HA-2 and factory supply \$400.00. SK-117 with HT-44 \$400.00. With PS-150 a.c. supply. Like new, very little use. HE-45A with HE61-VFO on air \$40.00. Russ Olmsted K4UJZ, 1548 N.W. 12th Ave., Ft. Lauderdale, Fla. (Paid adv.)

## THE TELEPHONE

Most movie-goers are aware of the fact that not too much time has passed since Don Ameche invented the telephone. Since that day there have been many improvements, some of which are linked to radio communication. The latest is telephone service from an attache' case. A large advertisement in a recent issue of the Wall Street Journal reads, "Phone London from a Connecticut commuter train ... Washington, D.C. from a California beach. Receive a call at a Cleveland ball game ... Kansas City job site ... in a Seattle bound auto. Fully portable, self-contained antenna. Own a PET (Portable Executive Telephone) for \$2,160.00, or - rent it."

Anybody want to buy an old-fashioned SSB rig with tower and beam?

Jim Moran - WB4FMZ (FM BARC BULLETIN)

## AMATEUR OF THE MONTH

(Continued from Page 1)

the McMillan North Pole Expedition from 2GU New York Times as guest operator.

Constructed and operated two way link on 66 mc. for use during hunting season at Lodge in Adirondacks, also experimented with 56mc phone link on telephone co. emergency repair car and 13th St. Test Bureau, N.Y.C. this in 1931. Continued activity on 5-28-75-160 CW-Phone until WW2.

Served as evening instructor at Radio-Television Institute, N.Y.C. with Bob Gunderson W2JIO and many other prominent amateurs. Collaborated with 2J10 in producing technical disc recordings for the blind. Was transferred to the Bell Telephone Laboratories School For War Training serving as instructor of special electronic military weapons, including air borne radar and submarine detection systems. Also served as technical writer at BTL-SWT completing several manuals in theory, operation and maintenance on air borne radar with associated computers, and magnetic air borne devices for deep water submarine detection.

Returned to N.Y. Tel after WW2 as Supervising Engineer of Radio-Television-Mobile Maritime radio Systems.

Obtained first class telephone and second class telegraph. Due to pressure of business, especially network TV, did not return to amateur radio until 1950.

Tom was examined for all licenses and retrieved his old call W2CY (inactive 9 yrs).

Retired from "Bell" in 1953 and landed in Florida. Resumed activity in 1957 operating mostly on 2-8 meters with AREC. Ass't EC 1962, EC 1964, Ass't SEC E. FL. 1967.

Member of 4 ARRL traffic nets, member and former President and vice President FLA, SAB, 4 ARRL Public Service awards, 2 ARRL certificate of merit, many BPL's with medallion. Former President Lakeland Amateur Radio Society, member ARMY MARS, QCWA, Country Cousins. Write column for FLORIDA SKIP.

## USE YOUR ZIP CODE



# Headlamp Warning Alarm

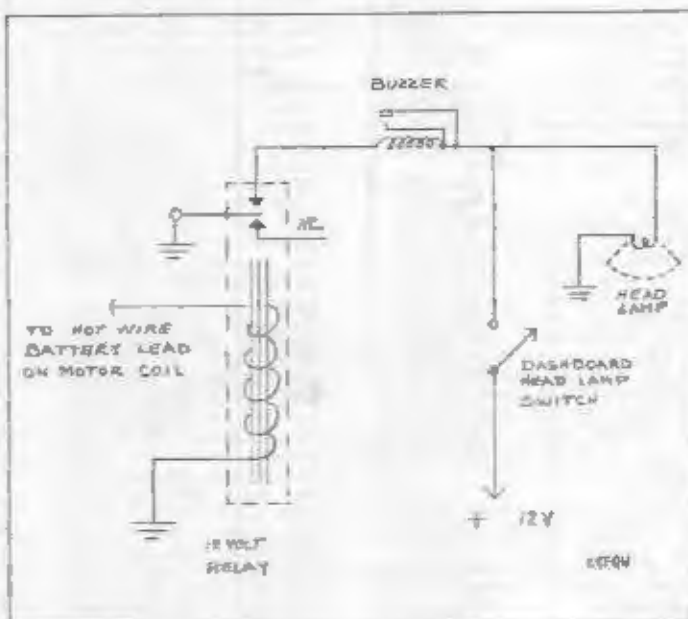
By Hal Bates, WA4FTU

The Florida law states that automobile headlights must be turned on during a rain.

Many drivers forget that the headlights are still on after driving through a shower and run their battery down or close to it, causing inconveniences.

Most of us have a 12 volt relay laying around that can be put to good use, to operate an ordinary door buzzer which only costs a few cents and which can be used for a warning -- "Lights left on"!

Here's how to do it. -- Connect a wire from the hot side of the "Lights On" circuit to the buzzer and the other side of the buzzer to the back contact on the relay (the contact which makes when the relay is deenergized). Connect the other contact of the same pair to the chassis or engine ground. Now hook one side of the 12 volt coil to ground and the other side of the coil to the hot side of the ignition coil which is energized when the ignition switch is turned on. If the buzzer is too loud when mounted under the dash, a resistor of a few ohms will make it a little less startling when sounding off.



## LATE HAMBOREE REPORT

Just before going to press (about 12 hours) we have a short report on the Miami ARRL Division 9th Hamboree Jan. 18-19. When the doors closed on another very successful project sponsored by the Dade Radio Club, Inc. and assisted the South Miami ARC, So. Fla. FM Assn. and members of the Dade County ARPSC it was agreed by all concerned, the effort was well worth it all. Dade's chairman, Evelyn Gauzens W4-WYR, remarked "it was one of our best, so far."

The Convention was also host to the ARRL Executive Board with Editor John Humtoon, W1LVQ, all other members present on the Convention floor and at the Sunday forum.

More exhibitors were present. HEATH, SIGNAL ONE, HY-GAIN, MOSLEY, COLLINS, AEROTRON, SWAN, HAMMAR-LUND, HAM RADIO MAGAZINE, E-Z WAY PRODUCTS, STELLAR INDUSTRIES, AMATEUR WHOLESALE ELECTRONICS and many others.

The two SWAN 500-C winners were Don Tener, W4WHU of Miami and Lloyd Moore, WA4RJW of Golden Beach, Florida.

The Staff of FLORIDA SKIP would like to thank the hundreds of subscriber and non-subscriber who stopped by the booth to say hello. Believe me, we were so pleased to see you all and hope to see you at the same spot next year. 73 Editor,

# NAVY



By Jim Wilson  
N0WCK, W4GDK

The So. Florida CW training and traffic net under the guidance of Jim Smith N0GAL-1 of St. Pete is looking for additional members. He points out that the training net is ideal for members who have Novice or Tech licenses because the Net Control sends at whatever speed a member checks in with. This makes the net an excellent place to develop code speed to where the person can get his General ticket. On Navmars a Tech licensee has equal rights with a General as to power, frequencies and mode of operation. They are not restricted to VHF bands.

So. Florida welcomes as new members N0HXQ Fred, of No. Miami; N0LSV, George of Eau Gallie; N0LPI, Al of St. Pete; N0LSR, Lane of St. Pete and N0LUQ, Don of Stuart.

N.E. Florida -- Jim Leavy N0GAJ, as the new Area Coordinator, has arranged a Jacksonville Navmars meeting on Jan. 17 with the help of Section Chief N0ZAP.

This area has established a training program to prepare net members for duty as NCS at times. Trainees will be N0KXJ and N0ZAP. The two Training Officers will be N0RZX and N0AXA.

The Area Coordinator is looking for an editor for the regularly published Area Bulletin. Call him collect if you are willing to try it.

Henry Suttus N0YJG has been named Area Emergency Coordinator. Win Baker N0ZAP is the new Chief of Section One.

N.W. Florida: N0JJB and N0EWT of Pensacola remain as the two main contacts on the phone nets but N0EOE handles lots of traffic on the District CW Net.